

## ABSTRACT

A low voltage driven high brightness LED that applies the lower driving voltage than the known LED and has brighter than the known LED's; the present invention is a  
5 packaging with a circuit board on bottom, a voltage regulation IC and a flashing control IC are on the bottom of the circuit board, at least one LED chips are on the top center of the circuit board, these LED chips can be driven with lower voltage and generate brighter light, a single LED packaging generates multiple color flashing function and achieves smaller physical size, stronger structure and convenient to apply effect.

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